

### **ABSTRACT OF THE DISCLOSURE**

A durable x-ray film cassette particularly suited for mammography.

The cassette includes a premolded tubeside and screenside panels encased in secondary molding process into a molded framework in which the screenside  
5 panel and the tubeside panel are joined by an integrally molded living hinge molded to the top edge of an upstanding back wall of the tubeside panel to allow close positioning of the X-ray film to the patient's chest wall. Relative movement between the closed screenside and tubeside panels is suppressed by means of a locating feature including a locating tab and a locating notch formed in at least  
10 one pair of facing framework lateral side segments.